

Data Sheet

C465 EPDM Rubber Sheet with EP100 Insertion

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| Data Sheet Type | Final |
| Material Reference | C465 |
| Polymer | EPDM |
| Date Issued | 21/11/24 |



Description

An EPDM Rubber Sheet with EP100 Insertion which gives the rubber an excellent tear strength. Originally designed for the fabrication of high speed crash barriers in Motor Sports but has multiple uses outside of this original design scope.

| Specifications | Values | Test Methods |
|---|------------------------------|--------------------|
| Compression Set | 30 % | ASTM D395 Method B |
| Elongation at Break | 300 % | ASTM D412 |
| Highest Recommended Working Temperature | 70 °C | None |
| Lowest Recommended Working Temperature | -20 °C | None |
| Shore Hardness (Shore A) | 65 ° Shore | ASTM D2240 |
| Specific Gravity | 1.48 g/cm 3 | ASTM D2240 |
| Tear Resistance | > 110 Warp > 45 Weft N/mm | ASTM D624 Die C |
| Tensile Strength | > 5 MPA | ASTM D412 |

Purposes



Ozone Resistance



Tear Resistant



Weather Resistance

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.